

# APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office.....MAR 09 1993

Returned to applicant for correction.....

Corrected application filed.....

Map filed.....MAR 09 1993

The applicant.....Southern Nevada Water Authority

3700 West Charleston Boulevard, of Las Vegas

Street and No. or P.O. Box No.

City or Town

Nevada 89153, hereby make<sup>s</sup> application for permission to appropriate the public

State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a

partnership or association, give names of members.) Big Bend Water District, City of Boulder City,  
City of Henderson, City of Las Vegas, City of North Las Vegas, Clark County Sanitation  
District, and the Las Vegas Valley Water District

1. The source of the proposed appropriation is Muddy River and its tributaries at about point of  
junction with Lake Mead at spillway elevation. Name of stream, lake, spring, underground or other source  
1,220 ft above mean sea level within the NW $\frac{1}{4}$  SW $\frac{1}{4}$  Sec. 20, T.16S., R.68E., M.D.B.&M.

2. The amount of water applied for is 100 cfs, not to exceed 30,000 AF average annually.  
One second-foot equals 448.83 gals. per min. second-feet

(a) If stored in reservoir give number of acre-feet up to 30,000 AF average annually to be stored in  
Lake Mead

3. The water to be used for Municipal and Domestic  
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated.....

(b) Stockwater, state number and kinds of animals to be watered.....

(c) Other use (describe fully under No. 12. "Remarks").....

(d) Power:

(1) Horsepower developed.....

(2) Point of return of water to stream.....

5. The water is to be diverted from its source at the following point within the NE $\frac{1}{4}$  NW $\frac{1}{4}$  Sec. 11, T.22S.,  
R.64E., M.D.B.&M., at a point from which the NW corner Sec. 10, T.22S., R.64E.,  
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.  
M.D.B.&M. bears N. 82°12'37" W., a distance of 7,530.4 feet.

6. Place of use Clark County, Nevada, as more particularly described in NRS 243.035  
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about January 1 and end about December 31, of each year.  
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and  
specifications of your diversion or storage works.) Existing Southern Nevada Water System; intake  
to treatment plant, treated water pumped to place of use  
State manner in which water is to be diverted, i.e. diversion structure, ditches and  
flumes, drilled well with pump and motor, etc.

9. Estimated cost of works..... Existing facilities cost about \$312 million
10. Estimated time required to construct works..... Existing  
If well completed, describe works.
11. Estimated time required to complete the application of water to beneficial use..... 10 years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use:  
See attached remarks sheet

By s/Patricia Mulroy  
Patricia Mulroy, General Manager  
3700 West Charleston Boulevard  
Las Vegas, Nevada 89153

Compared..... bc/bc

Protested..... 4/29/93 by; Moapa Band of Paiute Indians:

.....OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed.....cubic feet per second.....

Work must be prosecuted with reasonable diligence and be completed on or before.....

Proof of completion of work shall be filed before.....

Application of water to beneficial use shall be filed on or before.....

Proof of the application of water to beneficial use shall be filed on or before.....

Map in support of proof of beneficial use shall be filed on or before.....

Completion of work filed..... IN TESTIMONY WHEREOF, I, .....,  
State Engineer of Nevada, have hereunto set my hand and the seal of my  
Proof of beneficial use filed..... office, this.....day of.....,  
Cultural map filed..... A.D.....  
Certificate No.....Issued.....

State Engineer

Remarks to accompany the Southern Nevada Water Authority's  
Application for Muddy River water

12. The applicant, Southern Nevada Water Authority, is comprised of the Big Bend Water District, City of Boulder City, City of Henderson, City of Las Vegas, City of North Las Vegas, Clark County Sanitation District, and the Las Vegas Valley Water District, located in Clark County, Nevada, as approved by those entities on July 25, 1991.

The applicant seeks all unappropriated water of the Muddy River which flows into Lake Mead at spillway elevation about 1220 feet above mean sea level, located within the NW¼ SW¼ Sec. 20, T.16S., R.68E., M.D.B. & M. The applicant intends to utilize Lake Mead as the means of transporting the unappropriated water to the existing water treatment facilities at Saddle Island. The treatment facilities are currently operated by the Las Vegas Valley Water District.

The applicant agrees that it will obtain, if necessary, all approvals from the United States, or any state(s) to carry out the intentions and purposes of this application.

The estimated use of the water is 60 percent residential and 40 percent commercial/industrial and will be additive to an existing water supply to serve an estimated population of 1.2 million by the year 2002.